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SUMMARY

Fresher with a strong foundation in NEXT.js, MongoDB, Firebase, Node.js, and Figma. Demonstrated ability to develop robust and scalable web applications using MERN stack. Eager to apply skills and knowledge as a MERN Stack Engineer at McKinley Rice, contributing to the company's success through innovative problem-solving and collaborative development.

PROJECTS

RGPV NOTES

<https://www.rgpv-notess.tech> • January 2024 - February 2024

- Implemented a dynamic project management system to consistently update and maintain project notes for 12,000 junior students, ensuring their availability and accuracy.
- Developed and launched a comprehensive personal project to provide academic notes for multiple branches, resulting in a weekly traffic of over 8k users and approximately 20k impressions.
- Utilizes a high-performance architecture featuring NEXT.js, MongoDB and Express.js.

Algorithm Visualizer

<https://bappy4u.github.io/algorithm-visualizer/#> • July 2023 - September 2023

- Developed an "Algorithm Visualizer" project that demonstrates complex algorithms through interactive and visually engaging simulations for over 10 algorithms and counting.
- Increased user engagement for the Algorithm Visualizer by 15% by building an intuitive user interface that allows users to select algorithms, input data, and observe step-by-step execution in real-time.
- Implemented a range of algorithms in C++, such as sorting (e.g., bubble sort, merge sort) and searching (e.g., binary search), showcasing a diverse array of programming skills.

EDUCATION

Bachelor of Technology

Oriental Institute of Science and Technology • Bhopal • 8.5

CERTIFICATIONS

- AWS Academy Cloud Foundations

AWS Academy Graduate • 2023

- Proficient in understanding and explaining core AWS cloud concepts like cloud computing fundamentals, core AWS services, security, and billing.

Foundations of UX Design

Coursera • 2022

- Enhanced my ability to communicate design ideas clearly and work effectively with cross-functional teams.

INVOLVEMENT

Code-a-thon

Manit Bhopal

- Outperformed fellow participants to secure top position in the hackathon organized by NIT Bhopal, utilizing technical skills in coding and strategic problem-solving.

Code-a-thon

BIST Bhopal

- Collaborated with a team of developers to design and implement an innovative project, resulting in the hackathon victory.

SKILLS

FrontEnd: HTML5, CSS3, Javascript

Frameworks: React.js, NEXT.js

Database: MongoDB, Firebase

Backend: Nodejs

Languages: C++, Python

Software: Git, Github, Google Docs, Figma